

WHAT IS CLAIMED IS:

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1. An input system comprising:
an information generation part which
generates input information based on a given input
operation;

10 a transmission part which transmits
signals generated by having a plurality of different
carrier frequencies modulated with the input
information; and

15 a reception part which receives the
transmitted signals and demodulates the signals into
the input information.

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2. The input system as claimed in claim 1, further comprising wave direction parts which are provided close to said transmission part so as to provide the signals transmitted from said transmission part with directivity.

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3. The input system as claimed in claim 2,
wherein said wave direction parts are antennas.

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4. The input system as claimed in claim 1, wherein said transmission part comprises a plurality

of transmission circuits for transmitting the signals of the different carrier frequencies.

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5. The input system as claimed in claim 1, wherein said transmission part comprises:

an output part which successively outputs
10 the different carrier frequencies; and
a modulation part which has the different carrier frequencies modulated with the input information.

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6. The input system as claimed in claim 4, wherein each of the transmission circuit comprises:

an output part which outputs a
20 corresponding one of the different carrier frequencies; and
a modulation part which has the corresponding one of the different carrier
25 frequencies modulated with the input information.

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7. The input system as claimed in claim 1, wherein said reception part comprises a plurality of reception circuits for receiving the transmitted signals and demodulating the signals into the input information.

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8. The input system as claimed in claim 1, further comprising a pad member including conductive wire.

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9. The input system as claimed in claim 1, further comprising a conductive part,

10 wherein a user contacts said conductive part so that the signals transmitted from said transmission part are transmitted via said conductive part to the user.

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10. The input system as claimed in claim 1, further comprising:

20 a conductive plate member; and
a conductive part,

wherein said conductive part contacts said conductive plate member so that the signals transmitted from said transmission part are
25 transmitted via said conductive part to said conductive plate member.

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11. The input system as claimed in claim 1, further comprising a plurality of wave direction parts for receiving the signals transmitted from said transmission part, said wave direction parts
35 being provided on a side of said reception part.

12. An input system comprising:
an information generation part which
generates input information based on a given input
operation;

5 a transmission part which transmits a
signal generated by having a carrier frequency
modulated with the input information;

a plurality of wave direction parts which
are provided close to said transmission part so as
10 to provide the signal transmitted from said
transmission part with directivity; and

a reception part which receives the
transmitted signal and demodulates the signal into
the input information.

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13. The input system as claimed in claim
20 12, further comprising a switching part which
transmits the transmitted signal selectively to one
of said wave direction parts based on a control
signal supplied from said information generation
part.

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14. The input system as claimed in claim
30 12, wherein said transmission part comprises a
plurality of transmission circuits for transmitting
the signal.

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15. The input system as claimed in claim

12, wherein said wave direction parts are antennas.

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16. An input device comprising:
an information generation part which
generates input information based on a given input
operation; and
10 a transmission part which transmits
signals generated by having a plurality of different
carrier frequencies modulated with the input
information.

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17. The input device as claimed in claim
16, further comprising wave direction parts which
20 are provided close to said transmission part so as
to provide the signals transmitted from said
transmission part with directivity.

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18. The input device as claimed in claim
17, wherein said wave direction parts are antennas.

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19. The input device as claimed in claim
16, wherein said transmission part comprises a
35 plurality of transmission circuits for transmitting
the signals of the different carrier frequencies.

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23. The input device as claimed in claim 16, further comprising a conductive part provided on

a bottom of the input device,

wherein said conductive part contacts a
conductive plate member so that the signals
transmitted from said transmission part are
5 transmitted via said conductive part to the
conductive plate member.

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24. An input device comprising:
an information generation part which
generates input information based on a given input
operation;

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a transmission part which transmits a
signal generated by having a carrier frequency
modulated with the input information; and

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a plurality of wave direction parts which
are provided close to said transmission part so as
to provide the signal transmitted from said
transmission part with directivity.

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25. The input device as claimed in claim
24, further comprising a switching part which
transmits the transmitted signal selectively to one
of said wave direction parts based on a control
30 signal supplied from said information generation
part.

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26. The input device as claimed in claim
24, wherein said transmission part comprises a

plurality of transmission circuits for transmitting the signal, the transmission circuits corresponding to the wave direction parts.

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27. The input device as claimed in claim 24, wherein said wave direction parts are antennas.

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